

BMD SOLUBLE - bacitracin methylene disalicylate powder, for solution

Alpharma Inc. Animal Health

Proportioner Pack**Broiler and replacement chickens**

An aid in prevention and control of necrotic enteritis caused by *Clostridium perfringens* susceptible to bacitracin methylene disalicylate.

Growing turkeys

An aid in control of transmissible enteritis (blue comb, mud fever) in growing turkeys complicated by organisms susceptible to bacitracin methylene disalicylate.

Growing quail

For the prevention of ulcerative enteritis due to *Clostridium colinum* susceptible to bacitracin methylene disalicylate.

Swine

For use in the treatment of swine dysentery associated with *Treponema (Serpulina) hyodysenteriae*.

Active ingredient

Contains 51.2 g bacitracin activity from bacitracin methylene disalicylate equivalent to 200 g bacitracin activity per pound or to 18,520 units bacitracin (master standard) per gram.

Ingredients

Granulated sugar, sodium bicarbonate, anti-caking agent.

CAUTION

Not for human use. For oral use in animals only.

Concentrated

For water medicators.

DIRECTIONS FOR USE

Animal	Condition	Prevention	Control
Broiler and replacement chickens	Necrotic enteritis caused by <i>Clostridium perfringens</i> susceptible to bacitracin methylene disalicylate.	100 mg / gal	200 - 400 mg / gal
Growing turkeys	Transmissible enteritis (blue comb, mud fever) complicated by organisms susceptible to bacitracin methylene disalicylate.	-	400 mg / gal
Growing quail	Ulcerative enteritis due to <i>Clostridium colinum</i> susceptible to bacitracin methylene disalicylate.	400 mg / gal	-
Swine	Swine dysentery (bloody scours) associated with <i>Treponema (Serpulina) hyodysenteriae</i> .	-	1000 mg / gal

Prepare a fresh solution daily and use as sole source of drinking water.

Store in a cool, dry place.

MIXING INSTRUCTIONS**For Proportioners**

Select the treatment dosage. Set the proportioner at the desired delivery rate. To prepare the proportioner's stock solution, place the indicated quantity of BMD Soluble in a 2-gallon container, fill with water and stir until dissolved.

For Tanks

One package of BMD Soluble will medicate approximately 50 gallons of water at a dosage of 1000 mg/gallon.

Treatment dosage	PROPORTIONER SET AT:	PROPORTIONER SET AT:
	1 ounce/gallon	2 ounces/gallon
100 mg/gal	1/2 pack	1/4 pack

200 mg/gal*	1 pack	1/2 pack
400 mg/gal	2 packs	1 pack
1000 mg/gal	5 packs	2-1/2 packs

*200 mg/gallon is equivalent to about 100 g of feed grade BMD per ton of feed

To control an outbreak, start medication at first clinical signs of disease. Consult a diagnostic laboratory or veterinarian to determine the diagnosis and advice regarding the optimal level of drug. For necrotic enteritis in broiler and replacement chickens, administer continuously 5-7 days or as long as clinical signs persist, then reduce medication to prevention levels (100 mg/gal). For transmissible enteritis in turkeys, administer continuously as long as clinical signs persist. For swine dysentery start medication at first signs of the disease or at time of exposure and administer continuously for 7 days or until signs of dysentery disappear. Treatment not to exceed 14 days.

CAUTION: Not for use in swine weighing more than 250 lb.

Alpharma Inc.
Bridgewater, New Jersey 08807



Net Weight 4.1 oz (116.2 g)

Restricted Drug (California) - Use only as directed .

003308 0909

NADA #065-470, Approved by FDA

Trademarks registered by Alpharma Inc.

PRINCIPAL DISPLAY PANEL - 116.2 GRAM PACKET

RUSSELL®

Proportioner Pack

For poultry and livestock drinking water

Bacitracin methylene disalicylate

oral veterinary (soluble powder)

BMD®

Soluble

**Broiler and
replacement
chickens**

An aid in prevention
and control of
necrotic enteritis

caused by
Clostridium

perfringens

susceptible to
bacitracin methylene
disalicylate.

**Growing
turkeys**

An aid in control of
transmissible
enteritis

(blue comb, mud
fever) in growing
turkeys complicated
by organisms

susceptible to
bacitracin methylene
disalicylate.

Growing quail

For the prevention of
ulcerative enteritis

due to *Clostridium colinum* susceptible to bacitracin methylene disalicylate.

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Concentrated

For water medicators.

Net Weight

4.1 oz (116.2 g)

Restricted Drug (California). Use only as directed .

Take Time

Observe Label

Directions

Alpharma Inc.

Bridgewater, New Jersey 08807

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Russell's
Blue Ribbon

Proportioner Pack
For poultry and livestock drinking water

Bacteriostatic monovalent disodium phosphate
for electrolyte replacement

BMD™

Soluble

Boviler and replacement chickens

Use at 1/2 proportioner pack per 1000 gallons of water

Use 1/2 proportioner pack per 1000 gallons of water

Use 1/2 proportioner pack per 1000 gallons of water

Use 1/2 proportioner pack per 1000 gallons of water

Use 1/2 proportioner pack per 1000 gallons of water

Growing turkeys

Use at 1/2 proportioner pack per 1000 gallons of water

Use 1/2 proportioner pack per 1000 gallons of water

Use 1/2 proportioner pack per 1000 gallons of water

Use 1/2 proportioner pack per 1000 gallons of water

Use 1/2 proportioner pack per 1000 gallons of water

Growing guinea fow

Use at 1/2 proportioner pack per 1000 gallons of water

Use 1/2 proportioner pack per 1000 gallons of water

Use 1/2 proportioner pack per 1000 gallons of water

Use 1/2 proportioner pack per 1000 gallons of water

Use 1/2 proportioner pack per 1000 gallons of water

Take Time



Observe Label Directions

Active Ingredients

Contains 15.2% monovalent disodium phosphate

Contains 15.2% monovalent disodium phosphate

Contains 15.2% monovalent disodium phosphate

Contains 15.2% monovalent disodium phosphate

Contains 15.2% monovalent disodium phosphate

Caution:

Not for human use.

Keep out of reach of animals.

Concentrated

100% monovalent disodium phosphate

Net Weight

4.1 oz (115.2 g)

Directions: The only mix

ALPHA, INC.

Alpha Industries, Inc. • P.O. Box 18877 • Houston, TX 77218

RUSSELL®

For poultry and livestock drinking water

oral veterinary (soluble powder)

Soluble

CAUTION: Not for human use. For oral use in animals only.

Exp.:

Take

Observe La

Directions

Contents:

Alpharma Inc.

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Restricted Dr

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